Import and distribution for Serbia: Farmadria DOO
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# TECHNICAL DATA SHEET

# VETIMOSS

Synthetic woody-mossy aroma chemical with vetiver and earthy nuances

## 1. RAW MATERIAL IDENTIFICATION

| | |
|---|---|
| Product name | Vetimoss |
| INCI name | TERT-BUTYLHYDROQUINONE DIMETHYL ETHER |
| CAS number | 21112-37-8 |
| FEMA number | Not assigned |
| FLAVIS number | Not assigned |
| Molecular formula | C12H18O2 |
| Chemical group | Aromatic ether / synthetic woody-mossy material |
| Raw material origin | Synthetic |
| Country of origin | United Kingdom |
| Raw material category | Aroma chemical |

## 2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Vetimoss belongs to the woody-mossy olfactory family and functions as a middle and base note in fragrance compositions.

Its profile is deep, woody and earthy, with pronounced facets of vetiver, oakmoss, damp wood and subtle phenolic nuances reminiscent of classical chypre compositions.

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## 3. DESCRIPTION AND FUNCTION IN FRAGRANCE COMPOSITIONS

Vetimoss is a synthetic aroma chemical from the woody-mossy olfactory family. It is characterised by a deep, earthy-woody profile with pronounced notes of vetiver, oakmoss and damp wood, accompanied by subtle phenolic nuances.

In fragrance formulations, it is used as a middle and base note to create depth, a natural mossy effect and a refined woody structure. It is particularly suitable for chypre, fougère, leather, woody and oriental-woody compositions.

Vetimoss provides a modern alternative to natural oakmoss materials when a rich mossy effect and improved formulation consistency are required. It offers very good persistence and effectively connects woody, green and leather accords.

It combines well with vetiver, patchouli, cedarwood, sandalwood, oakmoss bases, leather notes, cis-3-hexenol derivatives, musks and amber accords.

Functional role in perfumery: Woody-mossy middle and base note, structural modifier and enhancer of vetiver, earthy, chypre and leather effects.

## 4. APPLICATION AND OLFACTORY COMPATIBILITY

Recommended use in perfumery: For building mossy, vetiver, chypre and fougère structures and for adding depth and an earthy woody character to leather, woody and oriental compositions.

It is used to create and modify:

- chypre compositions;
- classical and modern fougère fragrances;
- woody and leather bases;
- mossy and vetiver accords;
- earthy and damp-wood effects;
- oriental-woody compositions;
- green, amber and musky bases;
- fragrances for cosmetic and personal-care products.

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## 5. RECOMMENDED USE

| | |
|---|---|
| Recommended range | 0.1-5.0% in fragrance compositions |
| Chypre and fougère compositions | 0.5-2.0% |
| Woody and leather bases | 0.5-3.0% |
| Mossy and vetiver accords | 1.0-5.0% |
| Function | Woody-mossy modifier and persistent middle-to-base note |

Pre-dilution in ethanol, dipropylene glycol (DPG) or triethyl citrate (TEC) is recommended for easier dosing and more precise balancing of the formula. The stated ranges are formulation recommendations and do not represent regulatory maximum concentrations. The current IFRA certificate must be checked for the relevant finished-product category.

## 6. PHYSICOCHEMICAL AND TECHNICAL DATA

| | |
|---|---|
| Appearance | Liquid |
| Colour | Colourless to light yellow |
| Odour | Woody, mossy and earthy |
| Olfactory character | Vetiver, oakmoss, damp wood and earthy tones with subtle phenolic nuances |
| Density at 20 °C | 0.994-0.996 |
| Refractive index at 20 °C | 1.509-1.512 |
| Flash point | 111 °C |
| Purity | 98.0-100.0% |
| Solubility | Soluble in alcohol and fragrance bases |

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## 7. STABILITY AND COMPATIBILITY

The material shows good stability in fragrance and alcoholic formulations and very good compatibility with alcoholic bases, fragrance oils and standard aroma chemicals used in perfumery. Compatibility, stability, colour and odour profile should be confirmed in the intended finished formulation and packaging.

## 8. REGULATORY INFORMATION AND STATUS

Vegan status: Vegan; contains no ingredients of animal origin.

GMO status: Does not contain GMOs and is not derived from GMO raw materials.

Halal status: Halal compliant. Kosher status: Kosher compliant.

IFRA status: Not stated in the supplied data. The current IFRA certificate must be checked before use in the finished product.

Nanomaterials: Not stated in the supplied data.

## 9. STORAGE AND SHELF LIFE

Store in the original, tightly closed container, protected from light, air and sources of heat. Close the container immediately after use.

Recommended storage temperature: Maximum 25 °C.

Shelf life: 24 months under the recommended storage conditions.

## 10. SAFETY INFORMATION

Vetimoss is intended for professional use as an ingredient in fragrance and cosmetic formulations. It should not be applied directly to the skin in concentrated form.

Use suitable protective gloves and eye protection. Avoid direct contact with the skin and eyes and avoid inhalation of vapour or aerosol. Work in a well-ventilated area and follow the current Safety Data Sheet for the specific product.

## 11. DISCLAIMER

The information applies exclusively to the described raw material and does not replace the specification, Certificate of Analysis, IFRA documentation or Safety Data Sheet of the specific manufacturer. The user is responsible for verifying suitability, stability, safety and regulatory compliance in the intended application and target market. This document does not constitute regulatory approval or a guarantee of the properties of the finished product.